

PTO/SB/08A (10-01)

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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT****Complete if Known**

Application No.	10/633,266
Filing Date	July 31, 2003
First Named Inventor	Edwin R. Leonard
Art Unit	2643
Examiner Name	Not Yet Known
Attorney Docket Number	23564-07867

Sheet

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of

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U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document No. Number - Kind Code ² (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
NRK	A1	US2002/0063780A1	05-30-2002	Harman et al.
	A2	US2003/0112325A1	06-19-2003	Boyden et al.
	A3	US2003/0058363A1	03-27-2003	Boyden et al.
	A4	US2003/0058334A1	03-27-2003	Boyden et al.
	A5	US 5,612,733	03-18-1997	Flohr
	A6	US 5,400,069	03-21-1995	Braun et al.
	A7	US 5,335,022	08-02-1994	Braun et al.
	A8	US 5,187,571	02-16-1993	Braun et al.
	A9	US 5,117,285	05-26-1992	Nelson et al.
	A10	US 5,038,224	08-06-1991	Martulli et al.
	A11	US 4,928,301	05-22-1990	Smoot
	A12	US 4,890,314	12-26-1989	Judd et al.
	A13	US 5,572,248	11-05-1996	Allen et al.

FOREIGN PATENT DOCUMENTS

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OTHER REFERENCES - NON-PATENT LITERATURE DOCUMENTS

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NRK	C1	BARAKONYI, István et al., <i>Augmented Reality Videoconferencing for Collaborative Work</i> , Proc. of the 2nd Hungarian Conference on Computer Graphics and Geometry, Budapest, Hungary, May 2003, 8 pages.	
	C2	BISHOP, Gary et al., <i>Working in the Office of "Real Soon Now,"</i> IEEE	

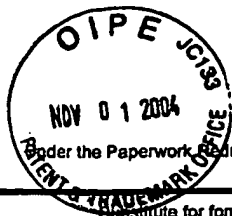
Examiner Signature	Melur Ramakrishna	Date Considered	12/1/05
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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23564/07867/DOCS/1436972.1



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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Filing Date	July 31, 2003
First Named Inventor	Edwin R. Leonard
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Sheet 2 of 5

OTHER REFERENCES - NON-PATENT LITERATURE DOCUMENTS

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NRV		Computer Graphics and Applications, July/August 2000, pp. 76-78	
	C3	CHEN, Milton, <i>Design of a Virtual Auditorium</i> , Proceedings of ACM Multimedia, Minneapolis, 2001, pp. 19-28.	
	C4	CHEN, Milton, <i>Leveraging the Asymmetric Sensitivity of Eye Contact for Videoconference</i> , Proceedings of CHI, Vol. No. 4, Issue No. 1, April 20-25, 2002, pp. 49-56	
	C5	HEATH, Christian et al., <i>Disembodied Conduct: Interactional Asymmetries in Video-Mediated Communication</i> , Published in: Technology in Working Order: Studies of Work, Interaction, and Technology, Graham Button, editor, London 1993, pp. 35-54.	
	C6	HEIM, Jan et al., <i>Videotelephony Fitness-for-Purpose Requirements</i> , ACTS Project AC314 Vis-à-vis: Fitness-for-Purpose of Videotelephony in Face-to-Face Situations, CEC Deliverable A314/UoN/SoP/DS/R/001/b1, May 1998, pp. 1-48.	
	C7	KELSHIKAR, Nikhil, <i>Real-Time Terascale Implementation of Tele-immersion</i> , International Conference on Computational Science (ICCS), June, 2003, 10 pages.	
	C8	KUZUOKA, Hideaki et al., <i>Agora: A Remote Collaboration System that Enables Mutual Monitoring</i> , in CHI'99 Extended Abstracts, 1999, 2 pages.	
	C9	LOW, Kok-Lim, <i>Life-Sized Projector-Based Dioramas</i> , Proceedings of ACM Symposium on Virtual Reality Software and Technology 2001 (VRST 2001), November 2001, 9 pages.	
	C10	MAJUMDER, Aditi et al., <i>Immersive Teleconferencing: A New Algorithm to Generate Seamless Panoramic Video Imagery</i> , Proc ACM Multimedia'99, 1999, 8 pages.	
	C11	MAOJUN, Zhang et al., <i>VCS: A Virtual Environment Support for Awareness and Collaboration</i> , ACM Multimedia, October 1999, pp. 163-165.	
	C12	MARK, Gloria et al., <i>An Experiment Using Life-size HDTV</i> , WACE 2001 Proceedings, pp. 1-6.	

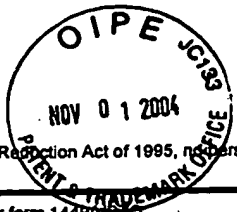
Examiner Signature	Melur Ramakrishna	Date Considered	11-21-03
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NRK	C13	MARK, Gloria, <i>Extreme Collaboration</i> , Communications of the ACM, December 2001, pp. 1-8.	
	C14	MARK, Gloria et al., <i>Group-to-Group Distance Collaboration: Examining the "Space Between,"</i> Proceedings of the 8 th European Conference of Computer-supported Cooperative Work, September 14-18, 2003, Finland, pp. 1-20.	
	C15	MORIKAWA, Osamu et al., <i>HyperMirror: Toward Pleasant-to-use Video Mediated Communication System</i> , Proceedings of the 1998 ACM conference on Computer supported cooperative work, 1998, pp. 149-158.	
	C16	NIELSEN, Jakob, <i>CHI92 Trip Report</i> , Monterey, CS, May 3-7, 1992, [Retrieved on November 12, 2003]. Retrieved from the Internet: URL< http://www.useit.com/papers/tripreports/chi92.html > pp. 1-5.	
	C17	OKADA, Ken-ichi et al., <i>Multiparty Videoconferencing at Virtual Social Distance: MAJIC Design</i> , Proceedings of CSCW 1994, ACM, Chapel Hill, NC, pp. 385-393.	
	C18	RASKAR, Ramesh, <i>Immersive Planar Display Using Roughly Aligned Projectors</i> , IEEE VR, March 2000, 7 pages.	
	C19	RASKAR, Ramesh et al., <i>Multi-Projector Displays Using Camera-Based Registration</i> , IEEE Visualization, San Francisco, October 1999, 8 pages.	
	C20	SADAGIC, Amela et al., <i>Tele-immersion Portal: Towards an Ultimate Synthesis of Computer Graphics and Computer Vision</i> , The 4th Annual International Workshop on Presence, May 21-23, 2001, 8 pages.	
	C21	TOWLES, Herman, <i>Transport and Rendering Challenges of Multi-Stream, 3D Tele-Immersion Data</i> , NSF Lake Tahoe Workshop on Collaborative Virtual Reality and Visualization (CVRV 2003), Tahoe City (October 26-28, 2003), pp. 1-6.	
	C22	TOWLES, Herman et al., <i>3D Tele-Collaboration Over Internet2</i> , In Proceedings of the International Workshop on Immersive Telepresence (ITP 2002), Juan-les-Pins, France, Dec. 2002, 4 pages.	

Examiner Signature	Melvin Rasmussen	Date Considered	11-21-03
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Filing Date	July 31, 2003
First Named Inventor	Edwin R. Leonard
Art Unit	2643
Examiner Name	Not Yet Known
Attorney Docket Number	23564-07867

Sheet 4 of 5

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NRU	C23	VERTEGAAL, Roel et al., <i>Effects of Gaze on Multiparty Mediated Communication</i> , Proceedings of Graphics Interface, Montreal, Canada, 2000, 8 pages.	
	C24	VERTEGAAL, Roel, <i>The GAZE Groupware System: Mediating Joint Attention in Multiparty Communication and Collaboration</i> , Proceedings of ACM CHI'99 Conference on Human Factors in Computing Systems, Pittsburgh, PA, ACM, 1999, 8 pages	
	C25	WELCH, Greg et al., <i>Projected Imagery in Your "Office of the Future,"</i> IEEE Computer Graphics and Applications, July/August 2000, pp. 62-67.	
	C26	WELLNER, Pierre D., <i>Adaptive Thresholding for the DigitalDesk</i> , Technical Report EPC-1993-110, © Rank Xerox Ltd, Cambridge, 1993,	
	C27	WELLNER, Pierre, <i>Interacting With Paper on the DigitalDesk</i> , Communications of the ACM, July 1993, pp. 1-17.	
	C28	WELLNER, Pierre et al., <i>The Double Digital Desk: Shared Editing of Paper Documents</i> , Technical Report EPC-93-108, ©Xerox Research Centre, Cambridge, 1993, 6 pages.	
	C29	YANG, Ruigang et al., <i>Creating Adaptive Views for Group Video Teleconferencing – An Image-Based Approach</i> , International Workshop on Immersive Telepresence (ITP2002), France, December 2002, 4 pages	
	C30	Polycom Video Communications, Collaboration Solutions, <i>Video Streaming With Polycom iPower™ Video Collaboration Solutions</i> , ©2002, pp. 1-5.	
	C31	Polycom Video Communications, Collaboration Solutions, <i>Visual Collaboration Using Polycom iPower Video Conferencing Systems</i> , ©2002, 6 pages.	
	C32	Teliris Ltd, <i>Facing Realty, GlobalTable™ Replaces In-Person Meetings</i> , ©2001, pp. 1-9.	
	C33	Teliris, <i>Preserving the Geometry of Sound</i> , [Retrieved on November 11, 2003]. Retrieved from the Internet: URL:	

Examiner Signature	Mehar Ramerha	Date Considered	11-21-05
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Application No.	10/633,266
Filing Date	July 31, 2003
First Named Inventor	Edwin R. Leonard
Art Unit	2643
Examiner Name	Not Yet Known
Attorney Docket Number	23564-07867

Sheet 5 of 5

OTHER REFERENCES - NON-PATENT LITERATURE DOCUMENTS

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		http://www.teliris.com/technology_audio_presentation.html , pp. 1-2.	
NR	C34	Teliris, <i>Creating a Constructive Space</i> , [Retrieved on November 11, 2003]. Retrieved from the Internet: URL: http://www.teliris.com/technology_environment_design.html , pp. 1-2.	
✓	C35	Teliris, <i>Creating a Uniform Virtual Geometry</i> , [Retrieved on November 11, 2003]. Retrieved from the Internet: URL: http://www.teliris.com/technology_virtual_vectoring.html , pp. 1 of 2.	

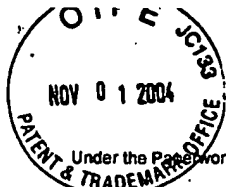
Examiner Signature	Mehur Rameshwaril	Date Considered	11-21-05
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	C2	BISHOP, Gary et al., <i>Working in the Office of "Real Soon Now,"</i> IEEE	

Examiner Signature	Melvin Rimmer	Date Considered	11-25-05
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**INFORMATION DISCLOSURE
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Application No.	11/006,166
Filing Date	December 6, 2004
First Named Inventor	Emmanuel Francisco
Art Unit	2614
Examiner Name	Not Yet Known
Attorney Docket Number	23564-08705

Sheet

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NR	A1	US-2,420,198 ✓	05-06-1947	Rosenthal
	A2	US-4,400,724 ✓	08-23-1983	Fields
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	A5	US-5,117,285 ✓	05-26-1992	Nelson et al.
	A6	US-5,187,571 ✓	02-16-1993	Braun et al.
	A7	US-5,335,022 ✓	08-02-1994	Braun et al.
	A8	US-5,400,069 ✓	03-21-1995	Braun et al.
	A9	US-5,572,248 ✓	11-05-1996	Allen et al.
	A10	US-5,883,606 ✓	03-16-1999	Smoot

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✓	C2	RASKAR, Ramesh et al., "Multi-Projector Displays Using Camera-Based Registration," IEEE Visualization, San Francisco, CA, US, October 1999.	

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Signature

Melvin Ramakrishna

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				Filing Date	December 6, 2004
				First Named Inventor	Emmanuel Francisco
				Art Unit	2614
				Examiner Name	Not Yet Known
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NRL ↓	C3	RASKAR, Ramesh et al., "The Office of the Future: A Unified Approach to Image-Based Modeling and Spatially Immersive Displays," SIGGRAPH 98, Orlando, Florida, July 19-24, 1998 (Computer Graphics Proceedings, Annual Conference Series, 1998), pp. 1-10.		
	C4	RASKAR, Ramesh, "Immersive Planar Display Using Roughly Aligned Projectors," Proceedings of the IEEE Virtual Reality 2000 Conference,		
	C5	TANG, John et al., "Supporting Distributed Groups With a Montage of Lightweight Interactions," Proceedings of the ACM Conference on Computer Supported Cooperative Work, Chapel Hill, October 22-26, 1994, pp. 23-34.		
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	C7	REYNARD, Gail, "Vivid: A Symbiosis Between Virtual Reality and Video Conferencing," UKERNA Video Conferencing Workshop, Nottingham University, May 1996, pp. 1-11		
	C8	YANG, Ruigang et al., "Creating Adaptive Views for Group Video Teleconferencing – An Image-Based Approach," Proceedings of the 2004 ACM SIGMM Workshop on Effective Telepresence, 2004.		
	C9	WATABE, Kazuo, "Distributed Multiparty Desktop Conferencing System: MERMAID," Proceedings of the 1990 ACM Conference on Computer-Supported Cooperative Work, 1990, pp. 27-38.		
	C10	Weiser, Mark, "The Computer for the 21 st Century," Scientific American, September 1981, pp. 94, 98-102, 104.		
	C11	JANCKE, Gavin et al., "Presenting to Local and Remote Audiences: Design and Use of the TELEP System," CHI Letters, Vol. 2, Issue 1, April 2000, pp. 384-391.		

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application No.	11/006,166
				Filing Date	December 6, 2004
				First Named Inventor	Emmanuel Francisco
				Art Unit	2614
				Examiner Name	Not Yet Known
Sheet	3	of	5	Attorney Docket Number	23564-08705

OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
NRU	C12	GAVER, William et al., "One is Not Enough: Multiple Views in a Media Space," Proceedings of the SIGCHI conference on Human factors in computing systems, Amsterdam, The Netherlands, 1993, pp. 335-341.	
	C13	GREENHALGH, C. et al., "MASSIVE: A Collaborative Virtual Environment for Teleconferencing," ACM Transactions on Computer-Human Interaction, Vol. 2, No. 3, September 1995, pp. 239-261.	
	C14	YUN, Louis et al., "Architectures for Multi-Source Multi-User Video Compositing," Proceedings of the first ACM international conference on Multimedia, Anaheim, California, US, 1993, pp. 215-223.	
	C15	ISAACS, Ellen et al., "What Video Can and Can't Do For Collaboration: A Case Study," Proceedings of the First ACM International Conference on Multimedia, Anaheim, California, US, 1993, pp. 199-206.	
	C16	MORIKAWA, Osamu et al., "HyperMirror: Toward Pleasant-to-Use Video Mediated Communication System," Proceedings of the 1998 ACM Conference on Computer Supported Cooperative Work, Seattle, Washington, US, 1993, pp. 149 – 158.	
	C17	HOLLAN, Jim et al., "Beyond Being There," Proceedings of the SIGCHI conference on Human factors in computing systems, Monterey, California, US, 1992, pp. 119 – 125.	
	C18	FISH, Robert et al., "TheVideoWindow System in Informal Communications," Proceedings of the 1990 ACM Conference on Computer Supported Cooperative Work, pp. 1-11	
	C19	BUXTON, Bill et al., "Europarc's Integrated Interactive Intermedia Facility (IIIF): Early Experiences," Proc. IFIP WG8.4 Conference on Multi-user Interfaces and Applications, Heraklion, Crete, September 1990.	
	C20	BUXTON, W., "Telepresence: Integrating Shared Task and Person Spaces," Proceedings of the conference on Graphics interface '92, Vancouver, British	

Examiner Signature	Melior Ramakrishna	Date Considered	11-21-04
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Sheet	4	of	5	Attorney Docket Number	23564-08705

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NRI		Columbia, Canada, 1992, pp. 123–129.	
NRI	C21	BRITTAN, David, "Being There: The Promise of Multimedia Communications," In MIT Technology Review, May/June 1992, pp. 42-50.	
	C22	BLY, Sara et al., "Media Spaces: Bringing People Together in a Video, Audio, and Computing Environment," Communications of the ACM, Vol. 36, No. 1, January 1993, pp. 27-46.	
	C23	CHEN, Milton, "Leveraging the Asymmetric Sensitivity of Eye Contact for Videoconferencing," Proceedings of the SIGCHI conference on Human factors in computing systems: Changing our world, changing ourselves, Minneapolis, Minnesota, US, 2002, pp. 49–56.	
	C24	AHUJA, S.R. et al., "The Rapport Multimedia Conferencing System," Conference Sponsored by ACM SIGOIS and IEEECS TC-OA on Office Information Systems, Palo Alto, California, US, 1998, Pages: 1-8.	
	C25	KUZUOKA, Hideaki et al., "Agora: A Remote Collaboration System That Enables Mutual Monitoring," CHI '99 Extended Abstracts on Human Factors in Computing Systems, Pittsburgh, Pennsylvania, US, 1999, pp. 190-191.	
	C26	TANG, John et al., "Why do Users Like Video? Studies of Multimedia-Supported Collaboration," Computer Supported Cooperative Work (CSCW), 1992, 1, pp. 163-193.	
	C27	ZOTKIN, Dmitry et al., "Smart Videoconferencing," IEEE International Conference on Multimedia and Expo (III), Vol. 3, New York, NY, US, 2000.	
	C28	OKADA, Ken-ichi et al., "Multiparty Videoconferencing at Virtual Social Distance: MAJIC Design," Proceedings of CSCW '94. Chapel Hill, NC: ACM, 1994, pp. 385-393.	
	C29	JANCKE, Gavin et al., "Linking Public Spaces: Technical and Social Issues," Proceedings of the SIGCHI Conference on Human Factors in Computing	

Examiner Signature	Mehur Ramakrishna	Date Considered	11-21-05
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<i>Mar</i>		Systems, Seattle, Washington, US, 2001, pp. 530–537.		
	C30	DOURISH, Paul et al., "Portholes: Supporting Awareness in a Distributed Work Group," Proceedings of the SIGCHI Conference on Human Factors in Computing Systems, Monterey, CA, US, 1992, pp. 541–547.		
	C31	TAKEMURA, Haruo et al., "Cooperative Work Environment Using Virtual Workspace," Proceedings of the 1992 ACM conference on Computer-supported Cooperative Work, Toronto, Ontario, Canada, 1992, pp. 226–232.		
	C32	TANG, John et al., "VideoWhiteBoard: Video Shadows to Support Remote Collaboration," Proc. Human Factors in Computing Systems, 1991, pp. 315–322.		
	C33	TANG, John et al., "Supporting Distributed Groups With a Montage of Lightweight Interactions," Proceedings of the 1994 ACM Conference on Computer Supported Cooperative Work, Chapel Hill, North Carolina, US, 1994, pp. 23–34.		
	C34	TANG, John et al., "Montage: Providing Teleproximity for Distributed Groups," Proceedings of the SIGCHI conference on Human Factors in Computing Systems: Celebrating Interdependence, Boston, Massachusetts, US, 1994, pp. 37–43.		
	C35	GAGEN, Martin, "Interactive Telepresence Case Studies," Teliris Ltd., New York, NY, US, June 2002, pp. 1–8.		

Examiner Signature	<i>Melvin Ramakrishna</i>	Date Considered	<i>11-21-04</i>
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